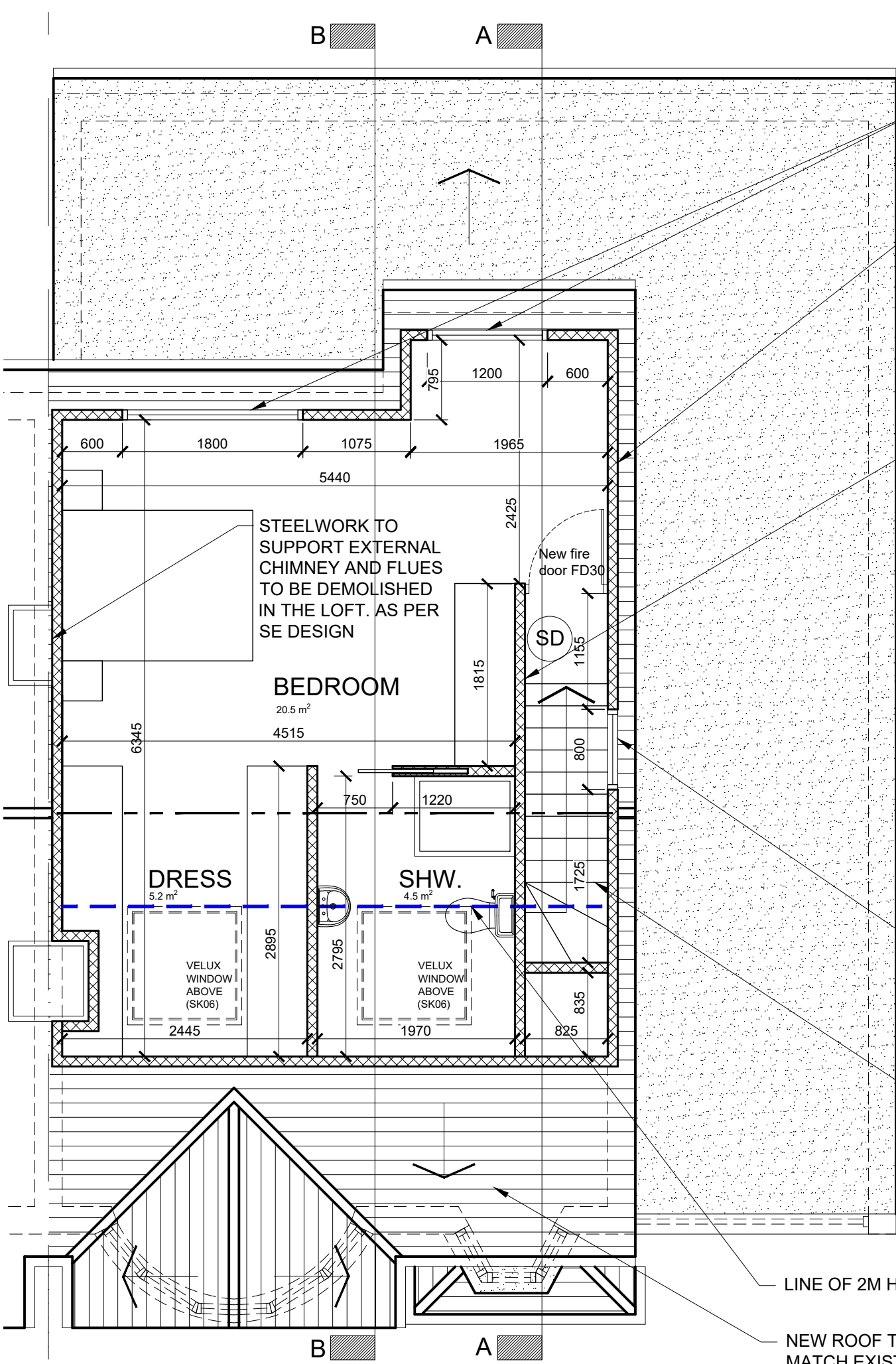




PROPOSED LOFT PLAN

NEW UPVC CASEMENT WINDOW TO MATCH EXISTING

DORMER CHEEKS WITHIN 1 METER OF BOUNDARY SHOULD BE 12MM SUPERLUX BOARDS OR SIMILAR APPROVED FIXED WITH M4 WOODSCREWS AT 300MM CONTRES.

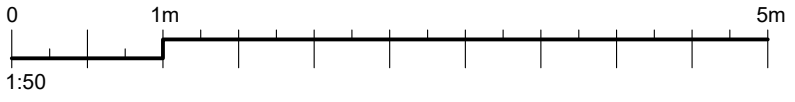
INTERNAL WALLS:STUD PARTITION: TO BE 50X75MM STUDS. BOTH SIDE OF STUDWORK LINED WITH 12.5MM PLASTERBOARD OF MIN. MASS PER UNIT AREA 10KG/M². ALL JOINTS TO BE SEALED. MINERAL WOOL SOUND INSULATION (ISOWOOL ACOUSTIC PARTITION ROLL OR SIMILAR APPROVED) WITH MIN. 25MM THICKNESS AND MIN. DENSITY OF 10KG/M³ TO BE WIRE REINFORCED OR SUSPENDED IN THE CAVITY. WALL TO ACHIVE MIN. 40 RW DB AIRBORNE SOUND INSULATION VALUE.

NEW UPVC CASEMENT WINDOW WITH OBSCURED GLAZING TO MATCH EXISTING

ALLOW FOR TRIMMING TO STAIR OPENING IN ACCORDANCE WITH POSI-JOIST STANDARD DETAIL FOR STAIRCASE OPENINGS

LINE OF 2M HEIGHT

NEW ROOF TILES TO MATCH EXISTING



The Contractor is to check all dimensions on site and report any discrepancies to the Contract Administrator. This drawing is to be read in conjunction with all other standard documentation.

Permitted development calculations of volume of hip to gable
Formula for hip to gable = 1/3 (base x height)
Value of base - Area of base = 1/2 (length x depth)

Length - measure on side elevation from eaves to eaves.
Depth - measure on side elevation from ridge of new gable to where it meets the bottom of the roof (i.e. where the original side of roof had its eaves)

Put values of base in Formula for hip to gable

Formula for hip to gable = 1/3 (base x height)

Height - measure on existing front elevation distance from the existing ridge (at top of hip) to end of the ridge of the proposed gable.

Area of base = 1/2 (length x depth)
= 1/2 (8.84 x 3.22)
= 14.23

Formula for hip to gable = 1/3 (base x height)
= 1/3 (14.23 x 3.85)
= 18.26

Volume for rear dormer = 1/2 (length x height x depth)
= 1/2 (5.64 x 2.45 x 3.58)
= 24.73

Volume of hip to gable and rear dormer (A) = 18.26 + 24.73
= 42.99 cu. m.

Volume for rear dormer (B1) = 1/2 (length x height x depth)
= 1/2 (2.16 x 0.6 x 0.8)
= 0.52 cu. m

Volume for rear dormer (B2) = length x height x depth
= 2.16 x 2.45 x 0.8
= 4.23

Volume for rear dormer (B = B1 +B2) = 0.52 + 4.23
= 4.75

TOTAL VOLUME (A+B) = 42.99 + 4.75
= 47.75 cu. m < 50.0 cu. m

rev.	description	date	chkd.
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drawing title :
Proposed Loft Plan

drawn: MV	chkd : SS	date: 14.05.2026
status: Planning		scale:1:50@A3
proj no : 2957	drg no: 04	rev no: